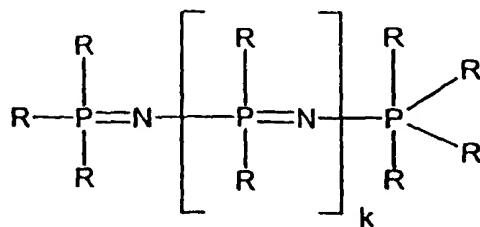


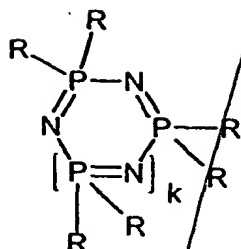
Patent Claims

- Sub. 7
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a
1. Thermoplastic moulding compositions containing
- A) 40 to 99 parts by weight of aromatic polycarbonate and/or polyester carbonate
- B) 0.5 to 60 parts by weight of graft polymer characterised in that the graft polymers B comprise
- B.1) 5 to 95 wt.% of one or more vinyl monomers and
- B.2) 95 to 5 wt.% of one or more particulate diene rubbers having a glass transition temperature of $<10^{\circ}\text{C}$, which are produced by emulsion polymerisation, wherein the graft polymerisation is performed using an initiator system comprising an organic hydroperoxide and ascorbic acid,
- C) 0 to 45 parts by weight of at least one thermoplastic polymer selected from the group comprising thermoplastic vinyl (co)polymers and polyalkylene terephthalates,
- D) 0.1 to 50 parts by weight of at least one component selected from the group comprising phosphazenes of the formulae



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(Ib),

in which

R is in each case identical or different and denotes amino, C_1 to C_8 alkyl, in each case optionally halogenated, or C_1 to C_8 alkoxy, C_5 to C_6 cycloalkyl, C_6 to C_{20} aryl, C_6 to C_{20} aryloxy, or C_7 to C_{12} aralkyl, in each case optionally substituted by alkyl and/or halogen,

k denotes 0 or a number from 1 to 15,

E) 0 to 5 parts by weight of fluorinated polyolefin.

2. Moulding compositions according to claim 1 containing

60 to 98.5 parts by weight of A

1 to 40 parts by weight of B

0 to 30 parts by weight of C

2 to 35 parts by weight of D

0.1 to 1 part by weight of E.

3. Moulding compositions according to ^{Claim 1} claims 1 and 2 containing 2 to 25 parts by weight of C.

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4. Moulding compositions according to ~~claims 1 to 3~~ ^{Claim 1} containing 5 to 25 parts by weight of D.

5. Moulding compositions according to ~~the preceding claims~~ ^{Claim 1}, wherein vinyl monomers B.1 are mixtures prepared from

B.1.1 50 to 99 parts by weight of vinyl aromatics and/or ring-substituted vinyl aromatics and/or methacrylic acid (C₁-C₈)-alkyl esters and

B.1.2 1 to 50 parts by weight of vinyl cyanides and/or (meth)acrylic acid (C₁-C₈)-alkyl esters and/or derivatives of unsaturated carboxylic acids.

6. Moulding compositions according to the preceding claims, wherein the grafting backbone is selected from among diene rubbers or mixtures of diene rubbers or copolymers of diene rubbers or mixtures thereof with further copolymerisable monomers.

7. Moulding compositions according to the preceding claims, wherein the grafting backbone is a polybutadiene rubber.

8. Moulding compositions according to ~~the preceding claims~~ ^{Claim 1}, wherein the grafting yield on polymerisation is >60 wt.%.

9. Moulding compositions according to ~~the preceding claims~~ ^{Claim 1}, wherein the grafting yield is >75 wt.%.

10. Moulding compositions according to ~~the preceding claims~~ ^{Claim 1}, wherein the grafting yield is >85 wt.%.

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11. Moulding compositions according to the preceding claims, wherein cumene hydroperoxide, tert-butyl hydroperoxide and/or hydrogen peroxide are used as the hydroperoxides.
- 5 12. Moulding compositions according to ^{Claim 1} ~~the preceding claims~~, wherein component D is selected from the group consisting of propoxyphosphazene, phenoxyphosphazene, methylphenoxyphosphazene, aminophosphazene and fluoroalkylphosphazenes.
- 10 13. Moulding compositions according to ^{Claim 1} ~~the preceding claims~~ containing at least one additive selected from the group ^{consisting of} ~~comprising~~ lubricants and mould release agents, nucleating agents, anti-static agents, stabilisers, dyes and pigments.
- 15 14. Moulding compositions according to ^{Claim 1} ~~the preceding claims~~ containing further flame retardants which differ from component D.
- 15 15. Process for the production of moulding compositions according to claim 1, wherein components A to E and optionally further additives are mixed and melt-compounded.
16. Use of the moulding compositions according to claim 1 for the production of mouldings.
17. Mouldings produced from moulding compositions according to claims 1 to 15.
- 25 18. Casing parts according to claim 17.

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11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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